

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>1</b>	<b>44</b>	<b>((cod\$5 or rsc) same interleav\$5 same map\$5 same interfac\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>2</b>	<b>72</b>	<b>(375/265.ccls. or 375/260.ccls. or 375/259.ccls. or 375/340.ccls.) and ((cod\$5 or rsc) same interleav\$5 same map\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>3</b>	<b>9</b>	<b>(375/265.ccls. or 375/260.ccls. or 375/259.ccls. or 375/340.ccls.) and (((cod\$5 or rsc) and uncod\$5) same interleav\$5 same map\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>4</b>	<b>9</b>	<b>(375/265.ccls. or 375/260.ccls. or 375/259.ccls. or 375/340.ccls.) and (((cod\$5 or encod\$5) or rsc) and uncod\$5) same interleav\$5 same map\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>5</b>	<b>83</b>	<b>(375/265.ccls. or 375/260.ccls. or 375/259.ccls. or 375/340.ccls.) and (((cod\$5 or encod\$5 or uncod\$5) or rsc) same interleav\$5 same map\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>6</b>	<b>7</b>	<b>("4941154"   "5363408"   "5416804"   "5442626"   "5706312"   "5790570"   "6023783").PN.</b>	<b>US-PGPUB; USPAT; USOCR</b>
<b>7</b>	<b>5</b>	<b>("6473878").URPN.</b>	<b>USPAT</b>
<b>8</b>	<b>3</b>	<b>("6473878").URPN. and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB</b>

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>9</b>	<b>14</b>	("4941154"   "5363408"   "5416804"   "5442626"   "5706312"   "5790570"   "6023783").PN.	<b>US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB</b>
<b>10</b>	<b>2</b>	"5949796".pn.	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>11</b>	<b>2</b>	ep-948140-\$.did.	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>12</b>	<b>2</b>	ep-986181-\$.did.	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>13</b>	<b>2</b>	ep-1191699-\$.did.	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>14</b>	<b>7</b>	(375/265.ccls. or 375/260.ccls. or 375/259.ccls. or 375/340.ccls.) and (((cod\$5 or encod\$5 or uncod\$5) or rsc) same interleav\$5 same map\$5) and pam and @ad<"20000820"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>15</b>	<b>0</b>	(375/265.ccls. or 375/260.ccls. or 375/259.ccls. or 375/340.ccls.) and (((cod\$5 or encod\$5 or uncod\$5) or rsc) same interleav\$5) and (combin\$5 near2 mappers) and @ad<"20000820"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>16</b>	<b>0</b>	<b>(375/265.ccls. or 375/260.ccls. or 375/259.ccls. or 375/340.ccls.) and (combin\$5 near2 mappers) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>17</b>	<b>18</b>	<b>(375/265.ccls. or 375/260.ccls. or 375/259.ccls. or 375/340.ccls.) and (combin\$5 near2 map\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>18</b>	<b>2</b>	<b>(combin\$5 near2 mappers) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>19</b>	<b>0</b>	<b>"0213" near2 mapping and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>20</b>	<b>0</b>	<b>"0213" near7 mapping and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>21</b>	<b>0</b>	<b>("0213" near map\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>22</b>	<b>0</b>	<b>("0213" near2 map\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>23</b>	<b>0</b>	<b>("0213" near7 map\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>24</b>	<b>251</b>	<b>("213" near7 map\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>25</b>	<b>89</b>	<b>("213" near2 map\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>26</b>	<b>18</b>	<b>(375/265.ccls. or 375/260.ccls. or 375/259.ccls. or 375/340.ccls.) and (combin\$5 near2 map\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>27</b>	<b>4</b>	<b>(differen\$7 near2 parallel\$7 near2 map\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>28</b>	<b>6</b>	<b>(differen\$7 near2 map\$7 near2 parallel\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>29</b>	<b>4</b>	<b>S30 not S29</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>30</b>	<b>225</b>	<b>(differen\$7 with map\$7 with parallel\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>31</b>	<b>16</b>	<b>("4047151"   "5467132"   "5497401"   "5600663"   "5691992"   "5699365"   "5699369"   "5729526"   "6085349"   "6108810"   "6247158"   "6285681"   "6292917"   "6345377"   "6347122"   "6400728").PN. OR ("6665831").URPN.</b>	<b>US-PGPUB; USPAT; USOCR</b>

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>32</b>	<b>2</b>	<b>(differ\$7 near2 mapp\$7 near2 parallel\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>33</b>	<b>21</b>	<b>((differ\$7 near2 mapp\$7) with parallel\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>34</b>	<b>9</b>	<b>((differ\$7 near2 mapp\$7) with ((top\$7 or upper\$7) and (bottom\$7 or lower\$7))) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>35</b>	<b>558</b>	<b>gray near2 map\$7 and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>36</b>	<b>173</b>	<b>communication\$7 and signal\$7 and (gray near2 map\$7) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>37</b>	<b>42</b>	<b>communication\$7 and signal\$7 and (gray near2 map\$7) and @ad&lt;"20000820" not scal\$7</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>38</b>	<b>29</b>	<b>communication\$7 and signal\$7 and (gray near2 map\$7) and @ad&lt;"20000820" not scal\$7 not imag\$7</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>39</b>	<b>20</b>	<b>(375/265, 375/260, 375/259, 375/340, 370/241, 370/310, 455/91, 455/130).ccls. and (combin\$5 near2 map\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>40</b>	<b>21</b>	<b>(375/265, 375/260, 375/259, 375/340, 370/241, 370/310, 455/91, 455/130).ccls. and (combin\$5 near2 map\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>41</b>	<b>21</b>	<b>(375/265, 375/260, 375/259, 375/340, 370/241, 370/310, 455/91, 455/130).ccls. and (combin\$5 near2 map\$5) and @ad&lt;"20000820"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>42</b>	<b>2</b>	<b>"6973611".pn.</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>

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Time: 09:56:44

 **PALM INTRANET**

## Inventor Information for 09/919191

Inventor Name	City	State/Country
ONGGOSANUSI, EKO N.	DALLAS	TEXAS
GATHERER, ALAN	RICHARDSON	TEXAS

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# **PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = ONGGOSANUSI

First Name = EKO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10124769</a>	<a href="#">6973611</a>	150	04/17/2002	INTERLEAVED CODER AND METHOD	ONGGOSANUSI, EKO
<a href="#">10172843</a>	Not Issued	61	06/17/2002	Multi-path interference cancellation for transmit diversity	ONGGOSANUSI, EKO
<a href="#">10173282</a>	Not Issued	41	06/17/2002	Multipath equalization for MIMO multiuser systems	ONGGOSANUSI, EKO
<a href="#">10176156</a>	Not Issued	95	06/20/2002	INTERFERENCE CANCELLATION SYSTEM AND METHOD	ONGGOSANUSI, EKO
<a href="#">11069595</a>	Not Issued	30	02/28/2005	Satellite positioning system receiver utilizing broadcast doppler information	ONGGOSANUSI, EKO
<a href="#">11461982</a>	Not Issued	19	08/02/2006	Reference Signal Sequences and Multi-User Reference Signal Sequence Allocation	ONGGOSANUSI, EKO
<a href="#">60284429</a>	Not Issued	159	04/17/2001	Symbol level channel interleaver for 3Gpp	ONGGOSANUSI, EKO
<a href="#">60284656</a>	Not Issued	159	04/17/2001	Symbol level turbo encoder for 3Gpp	ONGGOSANUSI, EKO
<a href="#">60298784</a>	Not Issued	159	06/15/2001	Multi-path interference cancellation for STTD, 1 and 2 receiver antennas	ONGGOSANUSI, EKO
<a href="#">60299649</a>	Not Issued	159	06/20/2001	Spread spectrum interference canceller method and implementation through estimation of the combined interference and without explicit knowledge of interfering codes	ONGGOSANUSI, EKO
<a href="#">60469179</a>	Not Issued	159	05/09/2003	Interferer detection and channel estimation for GSM	ONGGOSANUSI, EKO
<a href="#">60733675</a>	Not	20	11/04/2005	Method for transmission of	ONGGOSANUSI, EKO



	Issued			unicast control/data in broadcast TTI's	
<u>60823927</u>	Not Issued	19	01/01/0001	Codebook Design for One-Stream Transmission Over Two Transmit Antennas that is Robust to Spatial Correlation	ONGGOSANUSI, EKO
<u>60827973</u>	Not Issued	19	01/01/0001	Codebook Design for Per-Group Rate Control	ONGGOSANUSI, EKO
<u>09635715</u>	6831943	150	08/09/2000	CODE DIVISION MULTIPLE ACCESS WIRELESS SYSTEM WITH CLOSED LOOP MODE USING NINETY DEGREE PHASE ROTATION AND BEAMFORMER VERIFICATION	ONGGOSANUSI, EKO N.
<u>09659431</u>	Not Issued	123	09/08/2000	Spread spectrum multipath combination	ONGGOSANUSI, EKO N.
<u>09885878</u>	Not Issued	93	06/20/2001	CODE DIVISION MULTIPLE ACCESS WIRELESS SYSTEM WITH TIME REVERSED SPACED TIME BLOCK TRANSMITTER DIVERSITY ENCODING	ONGGOSANUSI, EKO N.
<u>09919191</u>	Not Issued	80	07/31/2001	Parallel concatenated trellis-coded modulation with asymmetric signal mapping	ONGGOSANUSI, EKO N.
<u>10026278</u>	Not Issued	41	12/18/2001	Closed loop multiple transmit, multiple receive antenna wireless communication system	ONGGOSANUSI, EKO N.
<u>10077084</u>	Not Issued	161	02/15/2002	Method and apparatus for providing transmit diversity with adaptive basis	ONGGOSANUSI, EKO N.
<u>10107275</u>	Not Issued	71	03/26/2002	Space time encoded wireless communication system with multipath resolution receivers	ONGGOSANUSI, EKO N.
<u>10131742</u>	Not Issued	41	04/22/2002	Multiple space time transmit diversity communication system with selected complex conjugate inputs	ONGGOSANUSI, EKO N.
<u>10135611</u>	Not Issued	41	04/30/2002	Space-time transmit diversity	ONGGOSANUSI, EKO N.
<u>10135679</u>	Not Issued	95	04/30/2002	SPACE-TIME TRANSMIT DIVERSITY	ONGGOSANUSI, EKO N.
<u>10144114</u>	Not	41	05/13/2002	Multiple input, multiple output	ONGGOSANUSI, EKO

	Issued			system and method	N.
<u>10179592</u>	Not Issued	61	06/25/2002	Interleaver for transmit diversity	ONGGOSANUSI, EKO N.
<u>10230003</u>	Not Issued	71	08/28/2002	Mimo hybrid-ARQ using basis hopping	ONGGOSANUSI, EKO N.
<u>10260761</u>	Not Issued	71	09/30/2002	Wireless system with hybrid automatic retransmission request in interference-limited communications	ONGGOSANUSI, EKO N.
<u>10301115</u>	Not Issued	30	11/21/2002	Closed-loop transmit diversity scheme in frequency selective multipath channels	ONGGOSANUSI, EKO N.
<u>10301364</u>	Not Issued	30	11/21/2002	Linear space-time block code with block STTD structure	ONGGOSANUSI, EKO N.
<u>10301392</u>	Not Issued	98	11/21/2002	HIGH DATA RATE CLOSED LOOP MIMO SCHEME COMBINING TRANSMIT DIVERSITY AND DATA MULTIPLEXING	ONGGOSANUSI, EKO N.
<u>10375771</u>	Not Issued	61	02/27/2003	Symbol normalization in MIMO systems	ONGGOSANUSI, EKO N.
<u>10447978</u>	Not Issued	41	05/29/2003	Iterative detection in mimo systems	ONGGOSANUSI, EKO N.
<u>10618970</u>	Not Issued	41	07/14/2003	Iterative detection in MIMO systems	ONGGOSANUSI, EKO N.
<u>10640184</u>	Not Issued	20	08/13/2003	Channel normalization	ONGGOSANUSI, EKO N.
<u>10644489</u>	Not Issued	30	08/20/2003	Channel norm-based ordering and whitened decoding for MIMO communication systems	ONGGOSANUSI, EKO N.
<u>10687303</u>	Not Issued	30	10/14/2003	Multipath interference-resistant receivers for closed-loop transmit diversity (CLTD) in code-division multiple access (CDMA) systems	ONGGOSANUSI, EKO N.
<u>10699707</u>	Not Issued	30	11/03/2003	Reconfigurable chip level equalizer architecture	ONGGOSANUSI, EKO N.
<u>10723215</u>	Not Issued	30	11/26/2003	Frequency-domain subchannel transmit antenna selection and power pouring for multi-antenna transmission	ONGGOSANUSI, EKO N.
<u>10732978</u>	Not Issued	41	12/11/2003	Multiuser detection for wireless communications systems in the presence of interference	ONGGOSANUSI, EKO N.

<a href="#">10738508</a>	Not Issued	41	12/17/2003	Interferer detection and channel estimation for wireless communications networks	ONGGOSANUSI, EKO N.
<a href="#">10747461</a>	Not Issued	30	12/29/2003	Linear single-antenna interference cancellation receiver	ONGGOSANUSI, EKO N.
<a href="#">10781472</a>	Not Issued	30	02/17/2004	Code division multiple access wireless system with closed loop mode using ninety degree phase rotation and beamformer verification	ONGGOSANUSI, EKO N.
<a href="#">10792569</a>	Not Issued	61	03/03/2004	Group based packet scheduling algorithm	ONGGOSANUSI, EKO N.
<a href="#">10899615</a>	Not Issued	30	07/26/2004	Multimode detection	ONGGOSANUSI, EKO N.
<a href="#">10919469</a>	Not Issued	41	08/16/2004	Code division multiple access wireless system with closed loop mode using ninety degree phase rotation and beamformer verification	ONGGOSANUSI, EKO N.
<a href="#">10919470</a>	Not Issued	30	08/16/2004	Code division multiple access wireless system with closed loop mode using ninety degree phase rotation and beamformer verification	ONGGOSANUSI, EKO N.
<a href="#">10967605</a>	Not Issued	30	10/18/2004	Single-antenna interference cancellation receiver in time slot communication system	ONGGOSANUSI, EKO N.
<a href="#">11026436</a>	Not Issued	30	12/30/2004	Satellite positioning system receiver utilizing time-aiding information from an independent source	ONGGOSANUSI, EKO N.
<a href="#">11085305</a>	Not Issued	30	03/21/2005	Downlink signaling for a multi-carrier communications system	ONGGOSANUSI, EKO N.

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# PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = GATHERER

First Name = ALAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08253471</a>	<a href="#">5461640</a>	150	06/03/1994	METHOD AND SYSTEM FOR OPTIMIZING AN EQUALIZER IN A TRANSMISSION SYSTEM	GATHERER, ALAN
<a href="#">08667267</a>	<a href="#">6055268</a>	150	06/20/1996	MULTIMODE DIGITAL MODEM	GATHERER, ALAN
<a href="#">08686801</a>	<a href="#">6002722</a>	150	07/19/1996	MULTIMODE DIGITAL MODEM	GATHERER, ALAN
<a href="#">08714645</a>	<a href="#">5802461</a>	150	09/16/1996	APPARATUS AND METHOD FOR TIMING RECOVERY IN VESTIGIAL SIBEBAND MODULATION	GATHERER, ALAN
<a href="#">08742226</a>	<a href="#">6137839</a>	150	10/31/1996	VARIABLE SCALING OF 16-BIT FIXED POINT FAST FOURIER FORWARD AND INVERSE TRANSFORMS TO IMPROVE PRECISION FOR IMPLEMENTATION OF DISCRETE MULTITONE FOR ASYMMETRIC DIGITAL SUBSCRIBER LOOPS	GATHERER, ALAN
<a href="#">08748444</a>	<a href="#">6044107</a>	150	11/13/1996	METHOD FOR INTEROPERABILITY OF A T1E1.4 COMPLIANT ADSL MODEM AND A SIMPLER MODEM	GATHERER, ALAN
<a href="#">08748585</a>	Not Issued	161	11/13/1996	INTER-OPERATION OF AN MDSL RESIDENTIAL UNIT AND AN ATU-C	GATHERER, ALAN
<a href="#">08782001</a>	<a href="#">5889691</a>	150	01/06/1997	APPARATUS AND METHOD FOR A MULTIPLIER UNIT WITH HIGH COMPONENT UTILIZATION	GATHERER, ALAN
<a href="#">08838841</a>	<a href="#">6058404</a>	150	04/11/1997	APPARATUS AND METHOD FOR A CLASS OF IIR/FIR	GATHERER, ALAN

				FILTERS	
<u>08883494</u>	Not Issued	161	06/26/1997	APPARATUS AND METHOD FOR A CABLE MODEM REDUCED COMPONENT EQUALIZER CIRCUIT	GATHERER, ALAN
<u>08990479</u>	Not Issued	161	12/15/1997	UPDATING COEFFICIENTS IN AN ADAPTIVE FILTER	GATHERER, ALAN
<u>08990483</u>	Not Issued	161	12/15/1997	EQUALIZER IMPLEMENTED AS A DISTRIBUTED MULTIPLY ACCUMULATOR	GATHERER, ALAN
<u>08992553</u>	<u>6154497</u>	150	12/17/1997	METHOD AND SYSTEM FOR ANALOG TO DIGITAL CONVERSION	GATHERER, ALAN
<u>09035637</u>	<u>6198774</u>	150	03/05/1998	METHOD AND APPARATUS FOR RESOLVING SPECTRAL INVERSION AMBIGUITIES IN CODED DATA	GATHERER, ALAN
<u>09076418</u>	<u>6363109</u>	150	05/12/1998	METHODS AND DEVICE FOR ESTIMATING AND CORRECTING CLIPPING IN A DISCRETE MULTI-TONE COMMUNICATIONS SYSTEM	GATHERER, ALAN
<u>09083794</u>	<u>6366555</u>	150	05/22/1998	METHOD AND DEVICE FOR CONTROLLING SIGNAL CLIPPING IN A DISCRETE MULTI-TONE COMMUNICATIONS SYSTEM	GATHERER, ALAN
<u>09096061</u>	<u>6201830</u>	150	06/11/1998	LOW COMPUTATION IDLE TRANSMISSION METHOD FOR DSL MODEMS	GATHERER, ALAN
<u>09096062</u>	<u>6252911</u>	150	06/11/1998	TRELLIS SHAPING FOR PCM MODEMS	GATHERER, ALAN
<u>09103496</u>	<u>6411618</u>	150	06/24/1998	CENTRAL OFFICE LINE CARD WITH CODE RECOGNITION FOR INCREASING DATA RATES OVER PSTN	GATHERER, ALAN
<u>09107065</u>	<u>6421355</u>	150	06/29/1998	METHODS AND LINECARD DEVICE FOR ALLOCATING MULTIPLE TIMESLOTS OVER DIGITAL BACKPLANE	GATHERER, ALAN
<u>09129070</u>	<u>6400769</u>	150	08/04/1998	CENTRAL OFFICE LINECARD AND METHOD FOR MAPPING COMPANDED DATA FORMATS	GATHERER, ALAN
<u>09152423</u>	<u>6434167</u>	150	09/11/1998	COMMUNICATIONS DEVICE WITH EXTENDED FILTER AND	GATHERER, ALAN

				LINE MONITORING FUNCTION	
<u>09165450</u>	<u>6480534</u>	150	10/02/1998	APPARATUS AND METHOD FOR A REDUCED COMPONENT EQUALIZER CIRCUIT	GATHERER, ALAN
<u>09234570</u>	<u>6636560</u>	150	01/20/1999	INCREASED BIT RATE OF TELEPONY MODEMS USING CONTROLLED INTERSYMBOL INTERFERENCE	GATHERER, ALAN
<u>09243763</u>	<u>6275548</u>	150	02/03/1999	TIMING RECOVERY SYSTEM	GATHERER, ALAN
<u>09244674</u>	<u>6256724</u>	150	02/04/1999	DIGITAL SIGNAL PROCESSOR WITH EFFICIENTLY CONNECTABLE HARDWARE CO-PROCESSOR	GATHERER, ALAN
<u>09244973</u>	<u>6298366</u>	150	02/04/1999	RECONFIGURABLE MULTIPLY-ACCUMULATE HARDWARE CO-PROCESSOR UNIT	GATHERER, ALAN
<u>09316193</u>	<u>7039036</u>	150	05/21/1999	REDUCED COMPLEXITY PRIMARY AND SECONDARY SYNCHRONIZATION CODES WITH GOOD CORRELATION PROPERTIES FOR WCDMA	GATHERER, ALAN
<u>09345054</u>	<u>6549584</u>	150	06/30/1999	CODING SCHEME FOR CABLE MODEMS	GATHERER, ALAN
<u>09393366</u>	<u>6560294</u>	150	09/10/1999	PHASE ESTIMATION IN CARRIER RECOVERY OF PHASE-MODULATED SIGNALS SUCH AS QAM SIGNALS	GATHERER, ALAN
<u>09431687</u>	<u>6370191</u>	150	11/01/1999	EFFICIENT IMPLEMENTATION OF ERROR APPROXIMATION IN BLIND EQUALIZATION OF DATA COMMUNICATIONS	GATHERER, ALAN
<u>09471430</u>	<u>6690750</u>	150	12/23/1999	FLEXIBLE VITERBI DECODER FOR WIRELESS APPLICATIONS	GATHERER, ALAN
<u>09480372</u>	<u>6421796</u>	150	01/10/2000	EFFICIENT MEMORY ADDRESSING FOR CONVOLUTIONAL INTERLEAVING	GATHERER, ALAN
<u>09489668</u>	Not Issued	93	01/24/2000	BEAM FORMING FOR TRANSMIT USING BLUETOOTH MODIFIED HOPPING SEQUENCES (BFTBMH)	GATHERER, ALAN

<u>09526019</u>	<u>6804311</u>	150	03/15/2000	DIVERSITY DETECTION FOR WCDMA	GATHERER, ALAN
<u>09526270</u>	Not Issued	167	03/15/2000	PROCESSES, INTEGRATED CIRCUITS, CHIPSETS AND STORAGE ARTICLES UTILIZING PATH DIVERSITY FOR MEDIA OVER PACKET APPLICATIONS	GATHERER, ALAN
<u>09531246</u>	<u>6765956</u>	150	03/21/2000	MULTIPLE SAMPLING FRAME SYNCHRONIZATION IN A WIRELINE MODEM	GATHERER, ALAN
<u>09551793</u>	Not Issued	167	04/18/2000	INTEGRATED CIRCUITS, SYSTEMS, APPARATUS, PACKETS AND PROCESSES UTILIZING PATH DIVERSITY FOR MEDIA OVER PACKET APPLICATIONS	GATHERER, ALAN
<u>09552090</u>	<u>6496477</u>	150	04/19/2000	PROCESSES, ARTICLES, AND PACKETS FOR NETWORK PATH DIVERSITY IN MEDIA OVER PACKET APPLICATIONS	GATHERER, ALAN
<u>09605610</u>	Not Issued	83	06/28/2000	Wireless communications system with cycling of unique cell bit sequences in station communications	GATHERER, ALAN
<u>09634053</u>	<u>6970495</u>	150	08/08/2000	ADJUSTMENT OF SLAVE FREQUENCY HOPPING PATTERN TO IMPROVE CHANNEL MEASUREMENT OPPORTUNITIES IN WIRELESS COMMUNICATIONS	GATHERER, ALAN
<u>09659431</u>	Not Issued	123	09/08/2000	Spread spectrum multipath combination	GATHERER, ALAN
<u>09665843</u>	<u>6725025</u>	150	09/20/2000	INTERFERENCE CANCELLATION AMONG WIRELESS UNITS USING GIBBS SAMPLING	GATHERER, ALAN
<u>09669394</u>	<u>6829290</u>	150	09/26/2000	WIRELESS COMMUNICATIONS SYSTEM WITH COMBINING OF MULTIPLE PATHS SELECTED FROM CORRELATION TO THE PRIMARY SYNCHRONIZATION CHANNEL	GATHERER, ALAN
<u>09669813</u>	<u>6831956</u>	150	09/26/2000	WIRELESS COMMUNICATIONS SYSTEM WITH COMBINING OF	GATHERER, ALAN

				MULTIPLE PATHS SELECTED FROM SUB-WINDOWS IN RESPONSE TO THE PRIMARY SYNCHRONIZATION CHANNEL	
<u>09679487</u>	<u>6996162</u>	150	10/04/2000	CORRELATION USING ONLY SELECTED CHIP POSITION SAMPLES IN A WIRELESS COMMUNICATION SYSTEM	GATHERER, ALAN
<u>09713583</u>	<u>6611857</u>	150	11/15/2000	METHOD AND SYSTEM FOR REDUCING POWER IN A PARALLEL-ARCHITECTURE MULTIPLIER	GATHERER, ALAN
<u>09727863</u>	<u>6396457</u>	150	11/30/2000	CONCENTRATOR FOR COUPLING LOCAL WIRELESS NETWORKS TO A WIRED NETWORK	GATHERER, ALAN
<u>09729008</u>	<u>6381268</u>	150	12/04/2000	METHODS AND DEVICE FOR ESTIMATING AND CORRECTING CLIPPING IN A DISCRETE MULTI-TONE COMMUNICATIONS SYSTEM	GATHERER, ALAN
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